

Claims

37. (Previously presented) A breakaway guardrail post for highway crash control systems comprising:

an upper post member having a weak impact axis and a strong impact axis;

a lower post member disposed beneath and spaced apart from said upper post member;

a connecting joint member having a first end and a second end, said first end of said joint member connected at said first end by a first fastener to said upper post member and connected at said second end by an attachment to said lower post member, said first fastener having a first failure strength less than a second failure strength of said attachment;

said first fastener having a first connector having a first failure strength and a second connector having a second failure strength; and

said first failure strength greater than said second failure strength such that upon an impact force being applied along said weak impact axis, said second connector fails and said upper post member rotates about said first connector.

40. (Previously presented) A breakaway guardrail post for highway crash control systems comprising:

an upper post member having a weak impact axis and a strong impact axis;

a lower post member disposed beneath and spaced apart from said upper post member;

a connecting joint member having a first end and a second end, said first end of said joint member connected at said first end by a first fastener to said upper post member and connected at said second end by a second fastener to said lower post member, said first fastener having a first failure strength less than a second failure strength of said second fastener;

said first fastener having a first connector having a first failure strength and a second connector having a second failure strength; and

said first failure strength greater than said second failure strength such that upon an impact force being applied along said weak impact axis, said second connector fails and said upper post member rotates about said first connector.